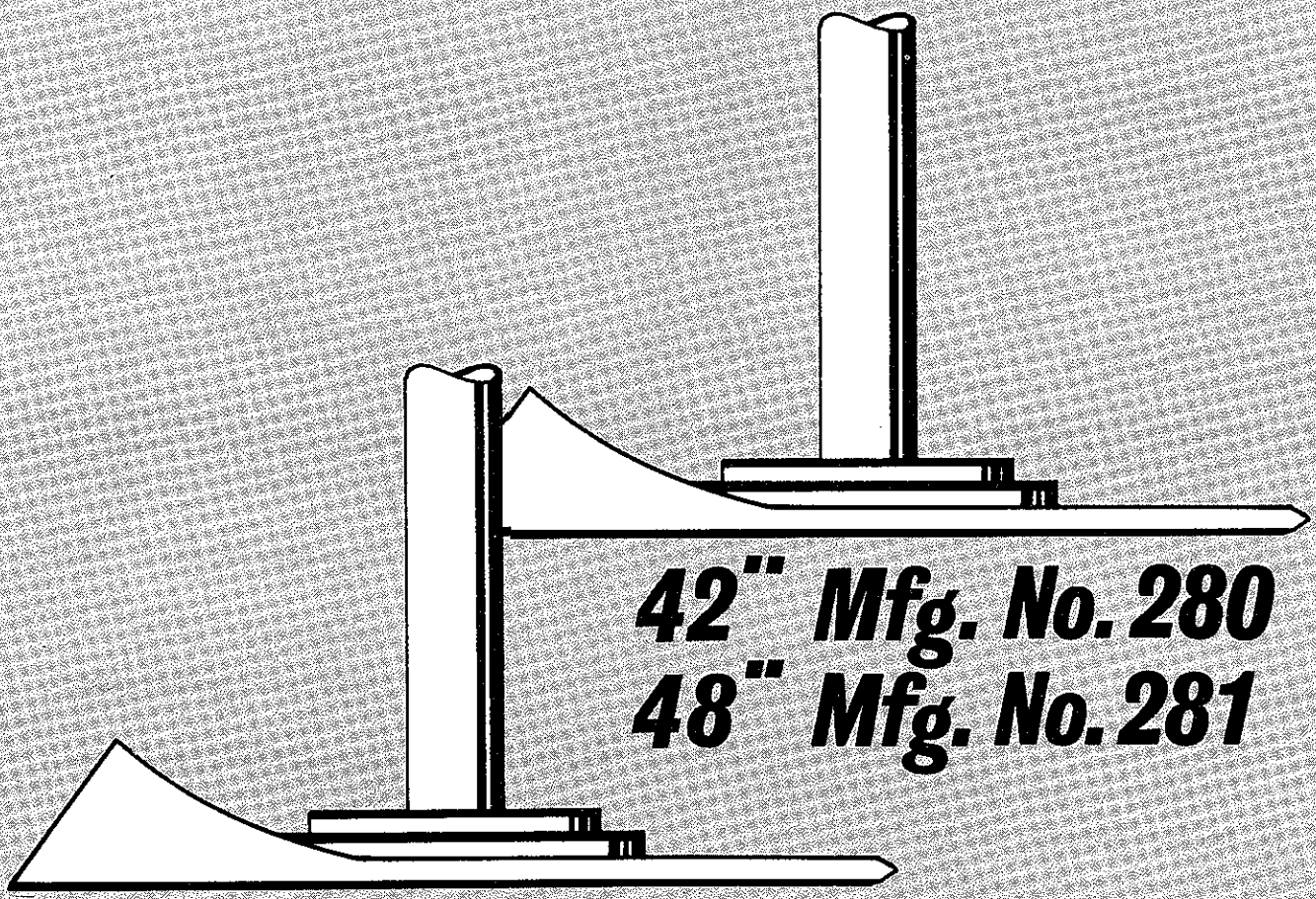
T-10
T-16

Instructions & Parts List

HOMELITE®



42" Mfg. No. 280
48" Mfg. No. 281

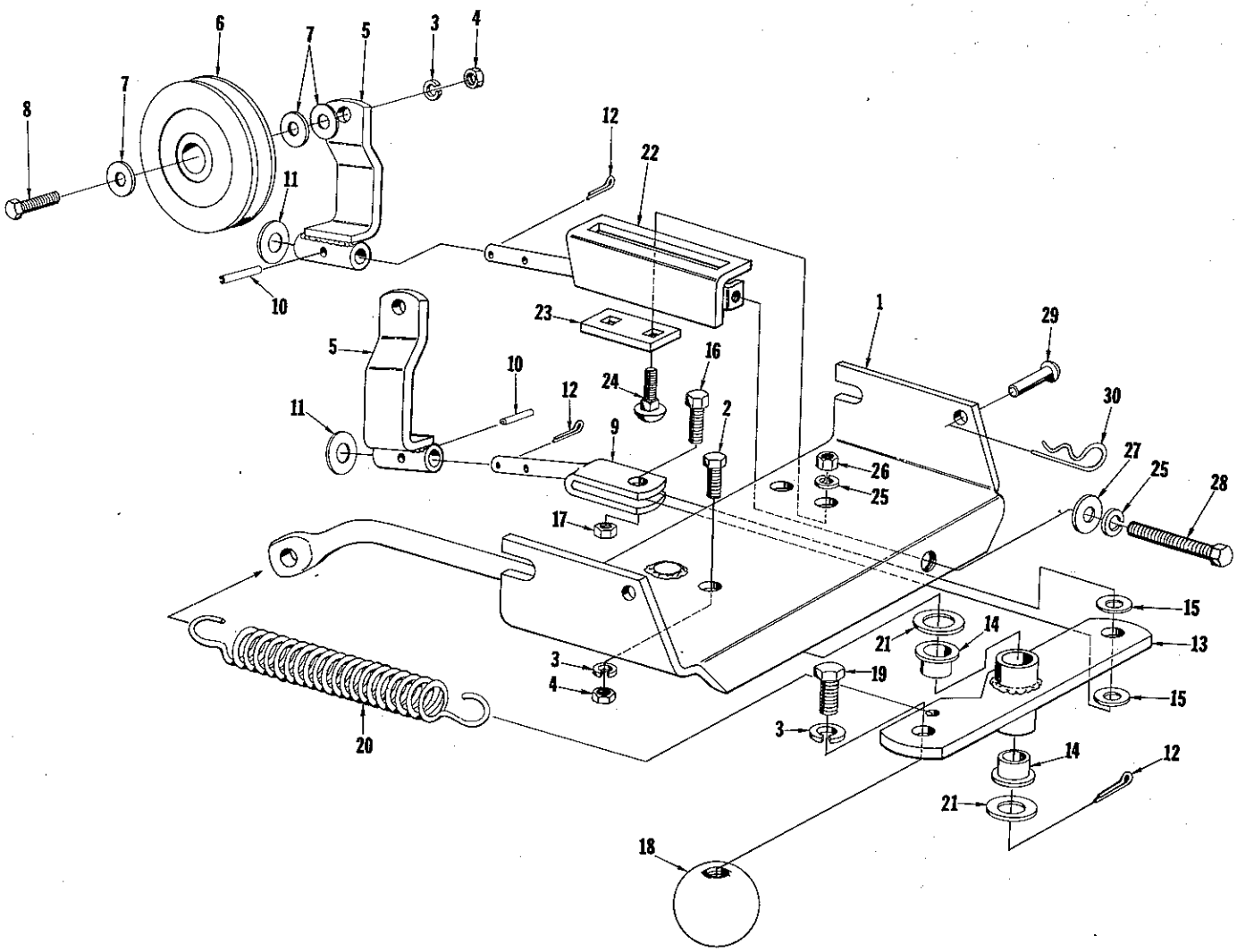
ROTARY MOWERS

PART NO. 24739

Safety□□□

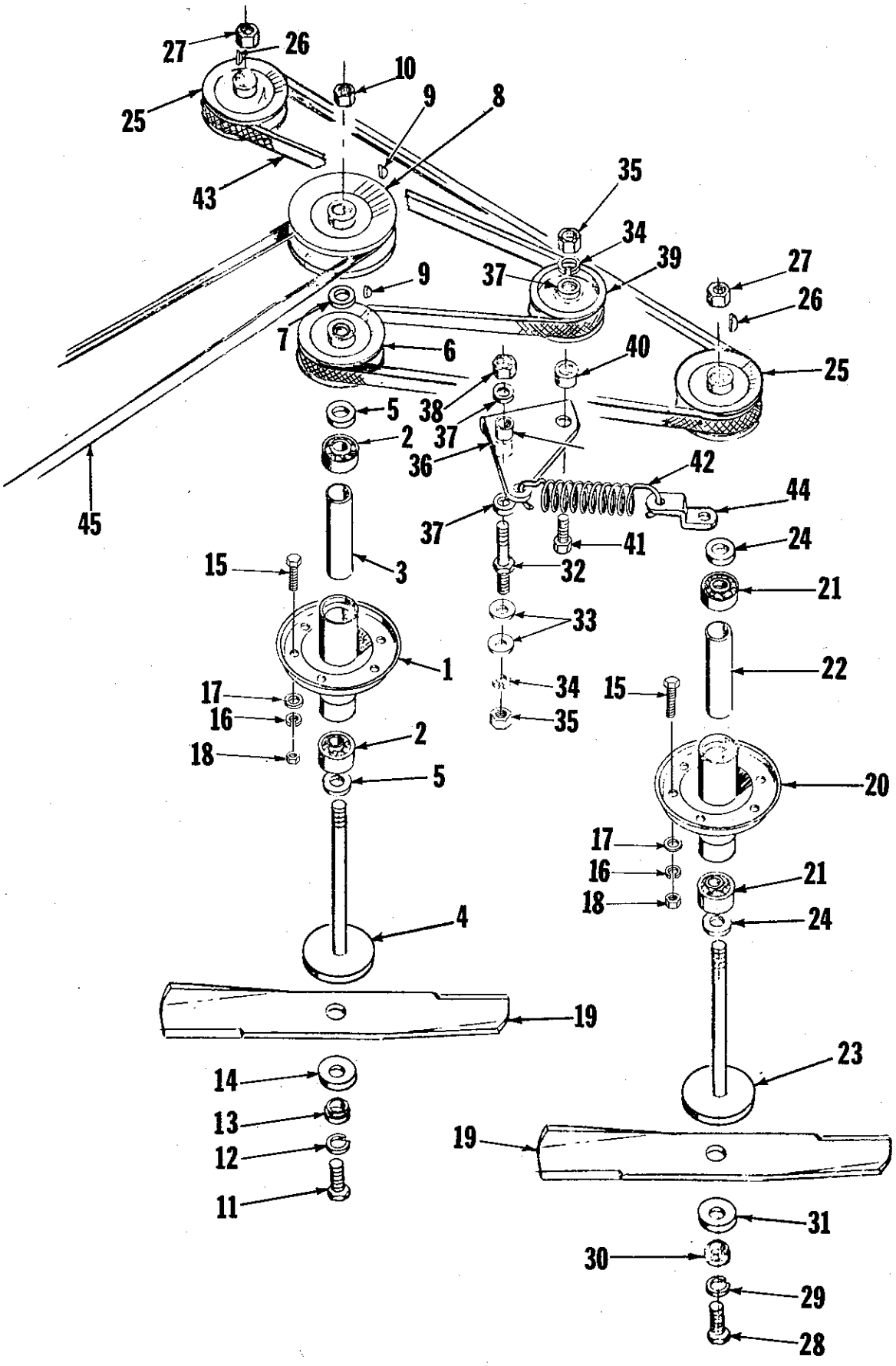
- ☐ Know the controls and how to stop quickly-READ THE OWNER'S MANUAL.
- ☐ Do not allow children to operate vehicle. Do not allow adults to operate it without proper instruction.
- ☐ Do not carry passengers. Keep children and pets a safe distance away.
- ☐ Clear work area of objects which might be picked up and thrown.
- ☐ Disengage all attachment clutches and shift into neutral before attempting to start engine (motor).
- ☐ Disengage power to attachments and stop engine (motor) before leaving operator position.
- ☐ Disengage power to attachment(s) and stop engine (motor) before making any repairs or adjustments.
- ☐ Disengage power to attachments when transporting or not in use.
- ☐ Take all possible precautions when leaving vehicle unattended; such as disengaging power-take-off, lowering attachments, shifting into neutral, setting parking brake, stopping engine and removing key.
- ☐ Do not stop or start suddenly when going uphill or downhill. Mow up and down the face of steep slopes; never across the face.
- ☐ Reduce speed on slopes and in sharp turns to prevent tipping or loss of control. Exercise extreme caution when changing direction on slopes.
- ☐ Stay alert for holes in terrain and other hidden hazards.
- ☐ Use care when pulling loads or using heavy equipment.
  - A. Use only approved drawbar hitch points.
  - B. Limit loads to those you can safely control.
  - C. Do not turn sharply. Use care when backing.
  - D. Use counterweight(s) or wheel weights when suggested in owner's manual.
- ☐ Watch out for traffic when crossing or near roadways.
- ☐ When using any attachments never direct discharge of material toward bystanders nor allow anyone near vehicle while in operation.
- ☐ Handle gasoline with care -- it is highly flammable.
  - A. Use approved gasoline container.
  - B. Never remove cap or add gasoline to a running or hot engine or fill fuel tank indoors. Wipe up spilled gasoline.
  - C. Open doors if engine is run in garage -- exhaust fumes are dangereous. Do not run engine (motor) indoors.
- ☐ Keep vehicle and attachments in good operating condition and keep safety devices in place.
- ☐ Keep all nuts, bolts, and screws tight to be sure equipment is in safe working condition.
- ☐ Never store equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark.
- ☐ Allow engine to cool before storing in any enclosure.
- ☐ To reduce fire hazard keep engine free of grass, leaves or excessive grease.
- ☐ Vehicle and attachment should be stopped and inspected for damage after striking a foreign object and the damage should be repaired before restarting and operating the equipment.
- ☐ Do not change engine governor settings or overspeed engine.
- ☐ When using vehicle with mower:
  - (1) Mow only in daylight or in good artificial light.
  - (2) Never make a cutting height adjustment while engine (motor) is running if operator must dismount to do so.
  - (3) Shut engine (motor) off when removing grass catcher and/or unclogging chute.
  - (4) Check blade mounting bolts for proper tightness at frequent intervals.
- ☐ Check grass catcher bags frequently for wear or deterioration. Replace with new bags for safety protection.

PTO Idler Assembly



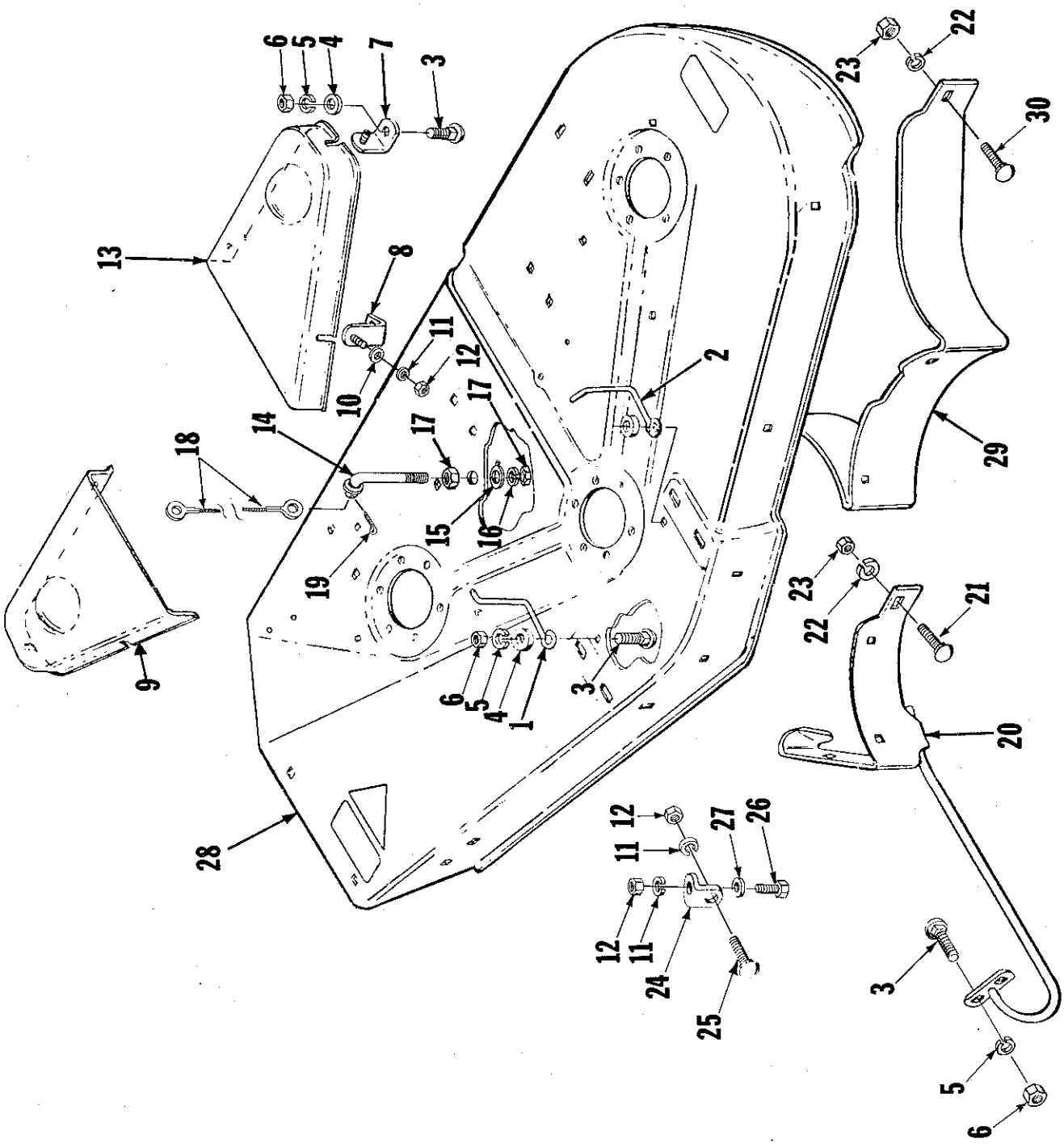
No.	Description	Part No.	Qty.
1	SUPPORT ASSEMBLY	LM-16070-64	1
2	SCREW-hex hd. cap, 3/8-16 x 1-1/4	LM-09174-00	1
3	WASHER-lock, 3/8	LM-09169-65	4
4	NUT-hex, 3/8-16	LM-09169-50	3
5	BRACKET ASSEMBLY-idler	LM-16070-73	2
6	PULLEY-idler	LM-01010-96	2
7	WASHER-flat	LM-09249-40	6
8	SCREW-hex hd. cap, 3/8-16 x 1-1/2	LM-09193-60	2
9	CLEVIS ASSEMBLY	LM-16070-56	1
10	PIN-spring	LM-09160-01	2
11	WASHER-flat	LM-09169-60	2
12	COTTER PIN	LM-09184-52	3
13	ARM ASSEMBLY-pivot	LM-16070-66	1
14	BEARING-nylon	LM-16104-56	2
15	WASHER-nylon	LM-01591-34	2
16	SCREW-special, cap	LM-16071-24	1
17	NUT-hex lock, 3/8-16	LM-09234-28	1
18	KNOB-ball	LM-16010-42	1
19	SCREW-hex hd. cap, 3/8-16 x 7/8	LM-09193-57	1
20	SPRING-extension	LM-01737-47	1
21	WASHER-flat	LM-09193-87	2
22	BRACKET ASSEMBLY	LM-16070-60	1
23	PLATE-reinforcement	LM-16070-61	1
24	BOLT-carriage, 5/16-18 x 1	LM-09211-58	2
25	WASHER-lock, 5/16	LM-09173-56	3
26	NUT-hex, 5/16-18	LM-09173-72	2
27	WASHER-flat	LM-09176-42	1
28	SCREW-hex hd. cap, 5/16-18 x 2-1/2	LM-09234-23	1
29	PIN-rd. hd.	LM-01563-06	2
30	PIN-quick	LM-09181-96	2

Arbor Assembly



No.	Description	Part No.	42"	48"	Qty.
	CENTER ARBOR & HOUSING (not shown)	LM-16075-82	x		1
	CENTER ARBOR & HOUSING (not shown)	LM-16075-83		x	1
	Includes: (each)				
1	ARBOR TUBE ASSEMBLY-center	LM-16022-59	x	x	1
2	BEARING	LM-01082-02	x	x	2
3	SPACER	LM-16022-65	x	x	1
4	ARBOR ASSEMBLY	LM-16073-66	x	x	1
5	WASHER-special	LM-01084-72	x	x	2
6	SHEAVE-mower spindle	LM-16028-81	x	x	1
7	WASHER-flat	LM-09250-84	x	x	1
8	SHEAVE-mower	LM-16076-38	x		1
	SHEAVE-mower	LM-16076-37		x	1
9	KEY-woodruff	LM-09183-12	x	x	2
10	NUT-jam hex lock	LM-16070-21	x	x	1
11	SCREW-hex hd. cap, 7/16-20 x 1-1/2	LM-09280-66	x	x	1
12	WASHER-lock, 7/16	LM-09181-99	x	x	1
13	WASHER-shoulder	LM-16075-85	x	x	1
14	WASHER-Belleville	LM-16035-92	x	x	1
15	SCREW-hex hd. cap, 5/16-18 x 3/4	LM-09173-97	x	x	18
16	WASHER-lock, 5/16	LM-09173-56	x	x	18
17	WASHER-flat, 5/16	LM-09176-42	x	x	18
18	NUT-hex, 5/16-18	LM-09173-72	x	x	18
19	BLADE-mower (42")	LM-16075-36	x		3
	BLADE-mower (48")	LM-16073-69		x	3
	SIDE ARBOR & HOUSING	LM-16075-84	x	x	2
	Includes:				
20	ARBOR TUBE ASSEMBLY	LM-16022-59	x	x	2
21	BEARING	LM-01082-02	x	x	4
22	SPACER	LM-16022-65	x	x	2
23	ARBOR ASSEMBLY	LM-16073-67	x	x	2
24	WASHER-special	LM-01084-72	x	x	4
25	SHEAVE-mower spindle	LM-16028-81	x	x	2
26	KEY-woodruff	LM-09183-12	x	x	2
27	NUT-jam hex	LM-16070-21	x	x	2
28	SCREW-hex cap, 7/16-20 x 1-1/2	LM-09280-66	x	x	2
29	WASHER-lock, 7/16	LM-09181-99	x	x	2
30	WASHER-shoulder	LM-16075-85	x	x	2
31	WASHER-belleville	LM-16035-92	x	x	2
32	STUD	LM-16041-37	x	x	1
33	WASHER-flat	LM-09226-11	x	x	2
34	WASHER-lock	LM-09169-65	x	x	2
35	NUT-hex	LM-09169-50	x	x	2
36	LEVER ASSEMBLY-idler	LM-16030-88	x	x	1
37	WASHER-flat	LM-09249-40	x	x	4
38	NUT-hex lock	LM-09180-06	x	x	1
39	PULLEY-idler	LM-16035-15	x	x	1
40	SPACER	LM-16104-04	x	x	1
41	SCREW-hex hd. cap, 3/8-16 x 1-3/4	LM-09193-61	x	x	1
42	SPRING	LM-16015-13	x	x	1
43	V-BELT ARBOR DRIVE	LM-16030-77	x		1
	V-BELT ARBOR DRIVE	LM-16030-75		x	1
44	CLIP-spring	LM-16030-90	x	x	1
45	BELT-front, PTO drive	LM-16072-84	x		1
	BELT-front, PTO drive	LM-01085-08		x	1

Mower Housing

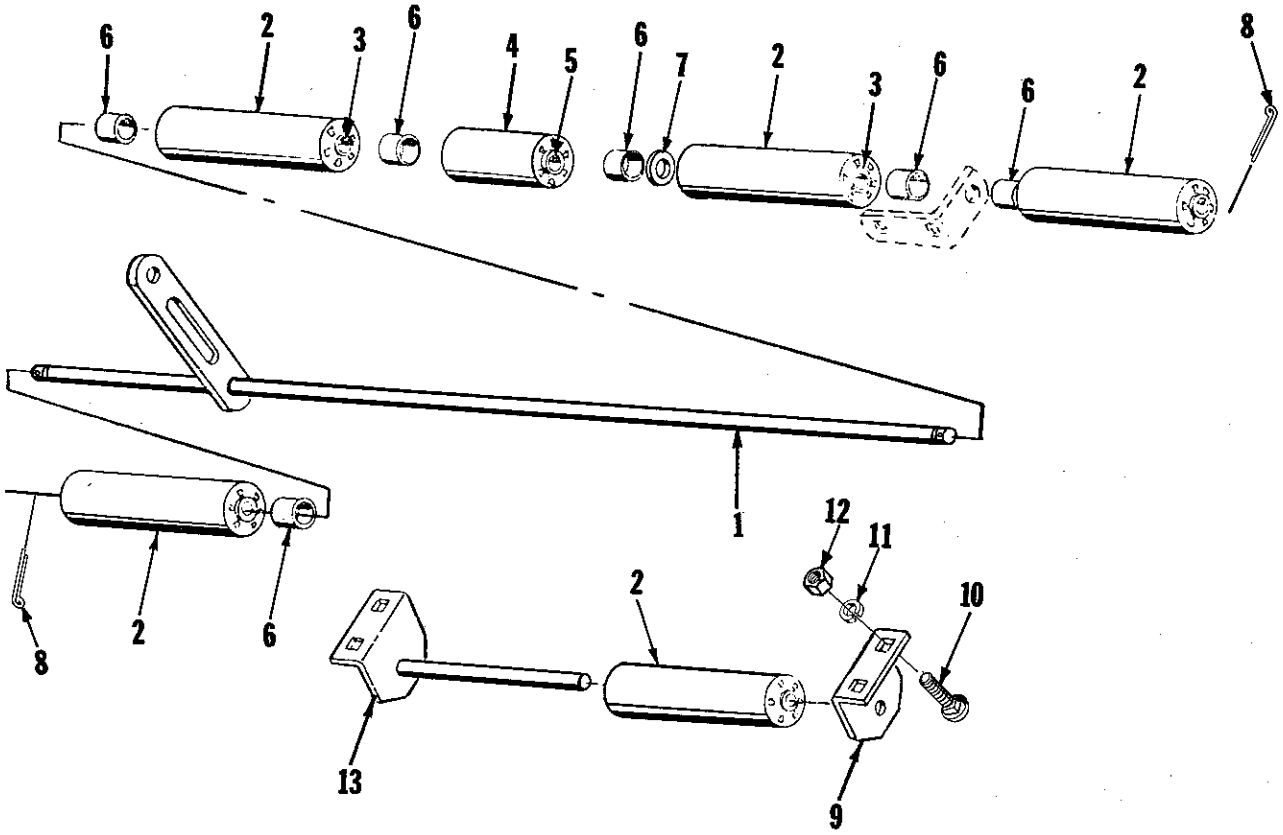


No.	Description	Part No.	42"	48"	Qty.
1	GUIDE-belt (R. H.)	LM-16042-80	x	x	1
2	GUIDE-belt, (L. H.)	LM-16042-79	x	x	1
3	BOLT-rd. hd., 5/16-18 x 3/4	LM-09194-14	x	x	10
4	WASHER-flat, 5/16	LM-09176-42	x	x	8
5	WASHER-lock	LM-09173-56	x	x	10
6	NUT-hex, 5/16 x 18	LM-09173-72	x	x	10
7	LEG ASSEMBLY-arbor cover (outer)	LM-16042-77	x	x	2
8	LEG ASSEMBLY-arbor cover (inner)	LM-16042-78	x	x	4
9	COVER-arbor (R. H.)	LM-16042-75	x	x	1
10	WASHER- flat	LM-09182-64	x	x	6
11	WASHER-lock	LM-09169-64	x	x	14
12	NUT-hex	LM-09166-22	x	x	14
13	COVER-arbor (L. H.)	LM-16042-74	x	x	1
14	HOOK-mower lift	LM-16064-93	x	x	1
15	WASHER-flat	LM-09184-30	x	x	1
16	WASHER-lock	LM-09181-99	x	x	1
17	NUT-hex	LM-09182-13	x	x	2
18	CABLE ASSEMBLY-lift	LM-16064-73	x	x	1
19	PIN-cotter	LM-09184-52	x	x	1
20	GUARD ASSEMBLY-discharge	LM-16033-62	x		1
	GUARD ASSEMBLY-discharge	LM-16033-65		x	1
21	BOLT-round head	LM-09221-10	x	x	1

No.	Description	Part No.			Qty.
22	WASHER-lock	LM-09169-65	x	x	3
23	NUT-hex	LM-09169-50	x	x	3
24	CLIP-baffle	LM-16015-58	x	x	4
25	BOLT-rd. hd.	LM-09169-43	x	x	4
26	SCREW-hex hd. cap	LM-09077-27	x	x	4
27	WASHER-flat	LM-09173-77	x	x	4
28	HOUSING-mower (42")	LM-16028-38	x		1
	HOUSING-mower (48")	LM-16028-78		x	1
29	BAFFLE-mower (42")	LM-16032-68	x		1
	BAFFLE-mower (48")	LM-16033-68		x	1
30	BOLT-rd. hd., 3/8-16 x 1	LM-09232-32	x		2
	BOLT-rd. hd.	LM-09221-10		x	2
	Accessories				
	TRANSFER-patent	LM-16019-19	x	x	1
	TRANSFER-caution	LM-01749-36	x	x	2
	DECAL-quadrant	LM-16075-19	x	x	1
	PAINT-blue, 14 oz. spray can	LM-16076-89	x	x	1
	PAINT-black, 12 oz. spray can	22772	x	x	1
	DECAL- OPEI	LM-01729-80	x	x	1

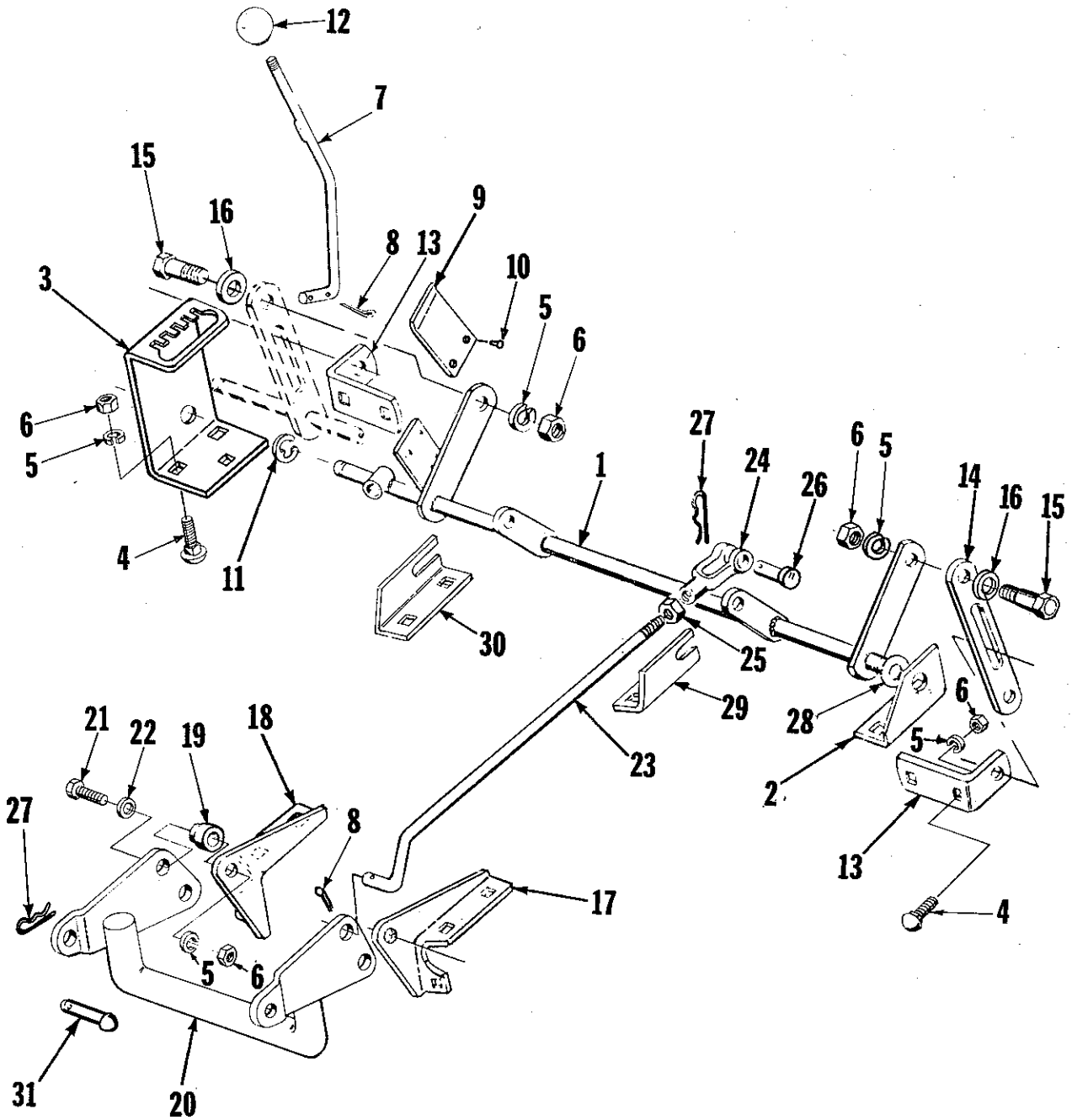
ALWAYS FURNISH MODEL AND SERIAL NUMBER WHEN ORDERING PARTS.

Roller Assembly



No.	Description	Part No.	42"	48"	Qty.
1	SHAFT ASSEMBLY-roller	LM-16076-14	x		1
	SHAFT ASSEMBLY-roller	LM-16076-07		x	1
2	ROLLER ASSEMBLY-long	LM-16029-48	x		3
	ROLLER ASSEMBLY-long	LM-16029-48		x	5
	Includes:				
3	BUSHING	LM-01084-19	x		6
	BUSHING	LM-01084-19		x	10
4	ROLLER ASSEMBLY-short	LM-01084-31	x		3
	ROLLER ASSEMBLY-short	LM-01084-31		x	1
	Includes:				
5	BUSHING	LM-01084-19	x		6
	BUSHING	LM-01084-19		x	2
6	SPACER-roller	LM-16029-46	x	x	6
7	WASHER-flat	LM-09193-87	x	x	11
8	PIN-cotter, 3/16 x 1	LM-09184-58	x	x	2
9	BRACKET-center roller	LM-16032-69	x	x	1
10	BOLT-rd. hd., 5/16-18 x 1	LM-09189-95	x	x	4
11	LOCKWASHER-5/16	LM-09173-56	x	x	4
12	NUT-hex, 5/16-18	LM-09173-72	x	x	4
13	SHAFT ASSEMBLY-center roller	LM-16033-09	x	x	1

Hitch Assembly



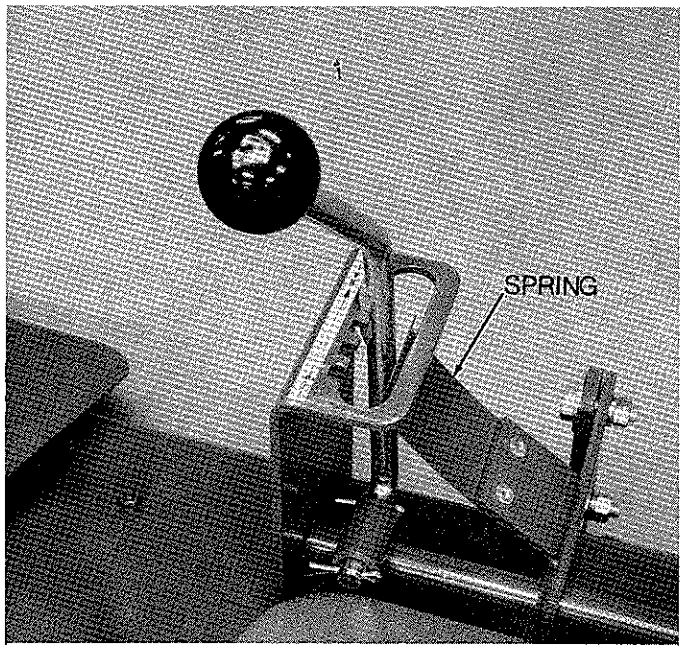
No.	Description	Part No.	Qty.	No.	Description	Part No.	Qty.
1	ARM ASSEMBLY-mower	LM-16065-32	1	19	SPACER-pivot	LM-16032-70	2
2	BRACKET-pivot (L. H.)	LM-16032-59	1	20	LINK ASSEMBLY-mower	LM-16070-79	1
3	QUADRANT-mower control	LM-16032-60	1	21	SCREW-hex hd. cap, 3/8-16 x 1-3/4	LM-09193-61	2
4	BOLT-rd. hd., 3/8-16 x 3/4	LM-09221-10	15	22	WASHER-flat	LM-09227-55	2
5	WASHER-lock, 3/8	LM-09169-65	21	23	ROD-adjusting (R. H.) 42" Mower	LM-16032-56	1
6	NUT-hex, 3/8-16	LM-09169-50	21		ROD-adjusting (R. H.) 48" Mower	LM-16033-66	1
7	LEVER-control	LM-16074-14	1		ROD-adjusting (L. H.) 42" Mower	LM-16032-57	1
8	PIN-cotter, 1/8 x 1	LM-09184-52	4		ROD-adjusting (L. H.) 48" Mower	LM-16033-67	1
9	SPRING-mower quadrant	LM-16032-62	1	24	YOKE-rod end adjusting	LM-01576-31	2
10	RIVET-pop	LM-16020-93	2	25	NUT-jam hex, 1/2-20	LM-09192-62	2
11	"E" RING	LM-09277-94	1	26	PIN-yoke, 1/2	LM-01543-05	2
12	KNOB	LM-16102-53	1	27	PIN-quick	LM-09181-96	4
13	BRACKET-roller support	LM-16032-64	2	28	WASHER-flat, 25/32 x 1-1/8	LM-09243-68	1
14	BAR-roller	LM-16032-63	1	29	SUPPORT-shaft (L. H.)	LM-16070-53	1
15	BOLT-shoulder	LM-16021-86	4	30	SUPPORT-shaft (R. H.)	LM-16070-52	1
16	WASHER-flat, 7/16	LM-09184-30	4	31	PIN-rd. hd.	LM-01563-06	2
17	BRACKET-front (L. H.)	LM-16029-42	1				
18	BRACKET-front (R. H.)	LM-16029-43	1				

Attaching Rotary Mower

Remove contents from carton. The height adjustment control lever is taped to the adjusting rod. Remove the lever and proceed as follows:

1. Apply a light coat of grease to the control lever.

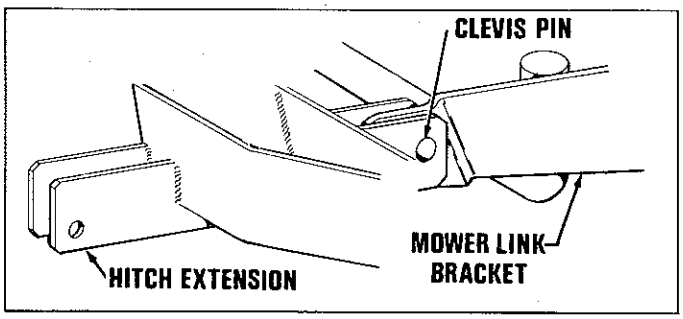
2. Pass the lever down through the quadrant, behind the spring, and secure to roller shaft with the two cotter pins supplied (see photo).



3. Pull the drive belt toward the front of the mower housing and keeping it tight, adjust the belt stops on the mower deck to within 1/8 in. of the belt.

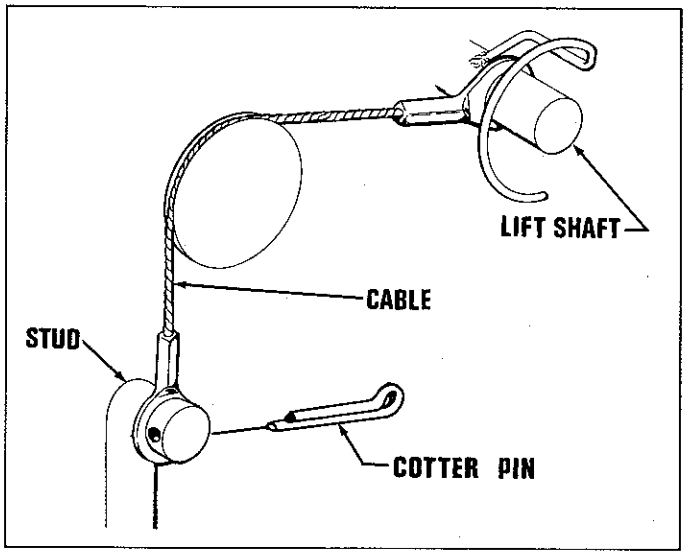
4. Park the unit on a flat level surface and slide the mower under the unit from the right side.

5. Raise the front of the mower housing and support it using a block of wood.



6. Secure mower link bracket to the rear holes in the hitch extension (on the frame) with the clevis pin and quick pin.

7. Attach one end of the lift cable to the lift shaft located on the underside of the unit. Route the cable over and onto the small idler pulley and secure the other end to the "L" shaped stud on top of the mower deck using a cotter pin. NOTE: Be sure lift is all the way in the down position.



NOTE: THE FOLLOWING STEPS ARE AS IF YOU ARE FACING THE FRONT OF THE UNIT.

1. Pull the belt between the two idler pulleys.

2. Unlatch and raise the hood.

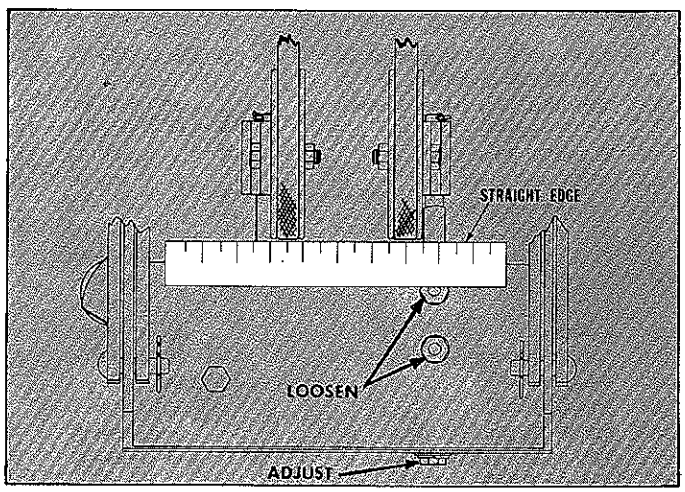
3. Loosen the two nuts securing the right idler pulley and back off on the adjusting screw on front of the PTO bracket, releasing the pulley.

4. Place the belt in the right pulley, the belt may have to be twisted 90° clockwise.

5. Route the belt up through the frame, around the engine pulley and back down to the left idler pulley.

6. Pull the black, tension release knob forward and secure the drive belt around the pulley.

7. Looking straight down at the pulleys, turn the adjusting screw clockwise, until both pulleys are lined up. (see illustration).



8. Tighten the two nuts securely.

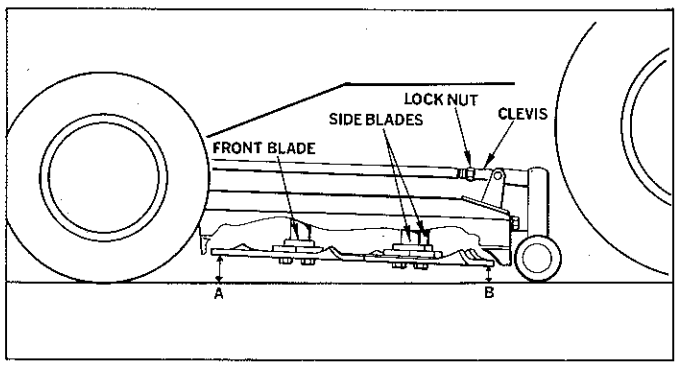
NOTE: Due to belt wear, periodically check alignment of pulleys. This will keep proper tension on the belt and prevent any slipage.

Mower Adjustments

CAUTION: Remove key and disconnect spark plug wire before making the following adjustments.

For proper grass cutting, the Rotary Mowers must be set so the front of the blade is approximately 1/8" to 1/4" higher than the rear. Proceed as follows:

1. Park the unit on a flat level surface. Place the cutting height lever in the uppermost position.



2. Measure the distance at point "A" and point "B". If point "A" is not 1/8" to 1/4" higher than point "B" proceed as follows:

Loosen the locknut on the adjusting rods. Remove the quick pin and clevis pin from each clevis. Rotate each clevis the same amount of turns to obtain a height of 1/8" to 1/4" higher at point "A" than point "B".

NOTE: To raise the front of the mower, turn the clevis clockwise. Be sure to recheck point "B" after obtaining proper height at point "A".

Every mower must be checked and adjusted in accordance with the above instructions prior to operation of the unit.

REPLACEMENT PARTS

Replacement parts for your HOMELITE equipment should be purchased from your HOMELITE Dealer. Be prepared to give him the tractor name, model, and the serial number.

USE ONLY HOMELITE BELTS AND BLADES.

CAUTION: Always check mower for broken parts immediately after striking any solid object. If a blade is bent, it should be replaced rather than straightened and reused. Any broken parts should be replaced. Replacement blades should be ordered only from your HOMELITE dealer.

Part No.	Description	Qty.
22772	Paint-black, 12 oz.	
LM 01010 96	Pulley-idler	2
LM 01082 02	Bearing-ball	6
LM 01084 19	Bushing	14
LM 01084 31	Roller Assembly	3
LM 01085 08	Belt-front	1
LM 01543 05	Pin-yoke	2
LM 01563 06	Pin-3/8 x 1-1/2	4
LM 01576 31	Yoke-rod end	2
LM 01729 80	Decal-safety	1
LM 01737 47	Spring-extension	1
LM 01749 36	Film-caution	2
LM 09160 01	Pin-spring	2
LM 09183 12	Key-woodruff	4
LM 09277 94	"E" Ring-retaining	1
LM 16010 42	Knob-ball	1
LM 16015 13	Spring	1
LM 16015 58	Clip-baffle	4
LM 16019 19	Transfer-patent	1
LM 16020 93	Rivet-pop	2
LM 16022 59	Arbor Tube	3
LM 16022 65	Spacer	3
LM 16028 38	Housing-42" mower	1
LM 16028 78	Housing-48" mower	1
LM 16028 81	Sheave-mower	3
LM 16029 42	Bracket-front	1
LM 16029 43	Bracket-front	1
LM 16029 46	Spacer-roller	6
LM 16029 48	Roller Assembly	5
LM 16030 75	"V" Belt	1
LM 16030 77	"V"Belt	1
LM 16030 88	Lever Assembly	1
LM 16030 90	Clip-spring	1
LM 16032 56	Rod-adjusting	1
LM 16032 57	Rod-adjusting	1
LM 16032 59	Bracket-pivot	1
LM 16032 60	Quadrant	1
LM 16032 62	Spring	1
LM 16032 63	Bar-roller	1
LM 16032 64	Bracket-roller	2
LM 16032 68	Baffle-42" mower	1
LM 16032 69	Bracket-roller	1
LM 16032 70	Spacer-pivot	2
LM 16033 09	Shaft Assembly	1
LM 16033 62	Guard Assembly	1
LM 16033 65	Guard Assembly	1
LM 16033 66	Rod-adjusting	1
LM 16033 67	Rod-adjusting	1
LM 16033 68	Baffle	1
LM 16035 15	Pulley-idler	1
LM 16041 37	Stud	1
LM 16042 74	Cover-arbor	1
LM 16042 75	Cover-arbor	1
LM 16042 77	Leg Assembly	2
LM 16042 78	Leg Assembly	4
LM 16042 79	Guide-belt (L. H.)	1
LM 16042 80	Guide-belt (R. H.)	1
LM 16064 73	Cable Assembly	1
LM 16064 93	Hook-mower lift	1
LM 16065 32	Arm Assembly	1
LM 16070 52	Support-shaft	1
LM 16070 53	Support-shaft	1
LM 16070 56	Clevis Assembly	1
LM 16070 60	Bracket Assembly	1
LM 16070 61	Plate-reinforcement	1
LM 16070 64	Support Assembly	1
LM 16070 66	Arm Assembly	1
LM 16070 73	Bracket Assembly	2
LM 16070 79	Link Assembly	1
LM 16072 84	Belt-front	1
LM 16073 66	Arbor Assembly	1
LM 16073 67	Arbor Assembly	2
LM 16073 69	Blade- 48" mower	3
LM 16074 14	Lever-control	1
LM 16075 19	Decal-quadrant	1
LM 16075 36	Blade-mower 42"	1
LM 16075 82	Center Arbor-42"	1
LM 16075 83	Center Arbor- 48"	1
LM 16075 84	Side Arbor	2
LM 16076 07	Shaft Assembly	1
LM 16076 14	Shaft Assembly	1
LM 16076 37	Sheave	1
LM 16076 38	Sheave	1
LM 16076 89	Paint-blue, 14 oz.	
LM 16102 53	Knob-ball	1
LM 16104 04	Spacer	1
LM 16104 56	Bushing	2
	FASTENING PARTS	
LM 01084 72	Washer-special	6
LM 01591 34	Washer-special	2
LM 09077 27	1/4-20 x 5/8	4
LM 09166 22	Nut-1/4-20	14
LM 09169 43	Bolt-carriage	4
LM 09169 50	Nut-3/8-16	29
LM 09169 60	Washer	2
LM 09169 64	Washer-1/4	14
LM 09169 65	Washer-3/8	30
LM 09173 56	Washer-5/16	35
LM 09173 72	Nut-hex, 5/16-18	34
LM 09173 77	Washer-flat, 1/4	4
LM 09173 97	5/16-18 x 3/4	18
LM 09174 00	3/8-16 x 1-1/4	1
LM 09176 42	Washer-5/16	27
LM 09180 06	Nut-3/8-16	1
LM 09181 96	Pin-quick	6
LM 09181 99	Washer-7/16	4
LM 09182 13	Nut-7/16-14	2
LM 09182 64	Washer-1/4	6
LM 09184 30	Washer-7/16	5
LM 09184 52	Pin-cotter, 1/8 x 1	8
LM 09184 58	Pin-cotter	2
LM 09189 95	Bolt-5/16-18 x 1	4
LM 09192 62	Nut-1/2-20	2
LM 09193 57	3/8-16 x 7/8	1
LM 09193 60	3/8-16 x 1-1/2	2
LM 09193 61	3/8-16 x 1-3/4	3
LM 09193 87	Washer-flat	13
LM 09194 14	Bolt-5/16-18 x 3/4	10
LM 09211 58	Bolt-5/16-18 x 1	1
LM 09221 10	Bolt-3/8-16 x 3/4	18
LM 09226 11	Washer-flat	2
LM 09227 55	Washer-flat	2
LM 09232 32	Bolt-3/8-16 x 1	2
LM 09234 23	5/16-18 x 2-1/2	1
LM 09234 28	Nut-3/8-16	1
LM 09243 68	Washer-flat	1
LM 09249 40	Washer	10
LM 09250 84	Washer-flat	1
LM 09280 66	7/16-20 x 1-1/2	3
LM 16021 86	Bolt-shoulder	4
LM 16035 92	Washer	3
LM 16070 21	Nut-3/4-16	3
LM 16071 24	Screw-cap	1
LM 16075 85	Washer-shoulder	3

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